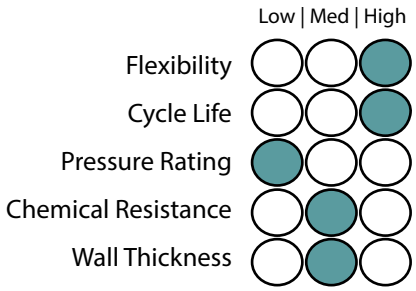
Composite Hose - Aviation

Composite Hose - 700 Aviation

Part No.: CH-AVA
Colour: Black / Green Stripe
Inner Wire: Stainless Steel
Reinforcement: Polypropylene Fabric and Films
Outer Wire: Black polypropylene coated galvanised
Crimping: Swagged or Wire Whipped
Size Available: 1 1/2" - 4"
(Larger sizes upon Request)
Temperature: -20°C +80°C

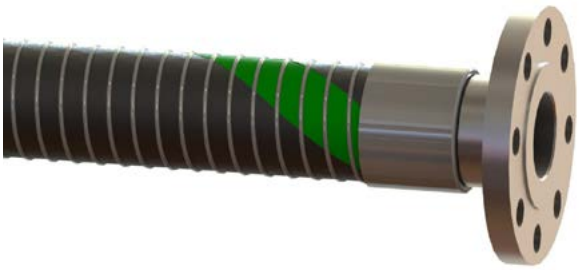
Type: 2
Grade: 1
Electrical kind: 1



Construction

Use:
This range of high quality composite hoses is manufactured from multiple layers of polypropylene fabrics and films. The inner wire helix is stainless steel 316. AVA SG is the same design as CODE 969, but has a thinner wall thickness therefore the working pressure is decreased. AVA SG is designed for use as a delivery hose of aviation fuel.

Applicable Standards
AS2683



Specifications

Part Number	Nominal Dia.			Max. Working Pressure		Max. Burst Pressure		Min. Bend Radius	Weight Per Mtr
	Inches	I.D (mm)	O.D (mm)	kPa	psi	kPa	psi	mm	kg.
CH-AVA-40	1 1/2"	39	48	700	101	2800	406	75	1.3
CH-AVA-50	2"	51	63	600	87	2400	348	90	1.6
CH-AVA-80	3"	76	90	500	72	2000	290	125	2.8
CH-AVA-100	4"	102	112	400	58	1600	232	200	4.1

Safety Factor: 4:1 Standard Duty. (Burst Pressure: Working Pressure)

Applications

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